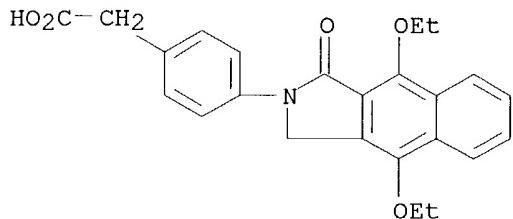


L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 325780-75-4 REGISTRY
CN Benzeneacetic acid,
4-(4,9-diethoxy-1,3-dihydro-1-oxo-2H-benz[f]isoindol-2-yl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H23 N O5
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 15:09:25 ON 14 SEP 2004)

FILE 'REGISTRY' ENTERED AT 15:09:31 ON 14 SEP 2004

L1 0 S DIETHOXY DIHYDRO BENZO ISOINDOL PHENYL ACETIC ACID
L2 0 S DIHYDRO BENZO ISOINDOL PHENYL ACETIC ACID
L3 0 S BENZO ISOINDOL PHENYL ACETIC ACID
L4 0 S ISOINDOL PHENYL ACETIC ACID
L5 0 S BENZO ISOINDOL PHENYL ACETIC ACID

FILE 'REGISTRY' ENTERED AT 15:43:45 ON 14 SEP 2004

L6 1 S 325780-75-4/RN

FILE 'CAPLUS, USPATFULL, CA' ENTERED AT 15:44:13 ON 14 SEP 2004

L7 7 S L6
L8 4 DUPLICATE REMOVE L7 (3 DUPLICATES REMOVED)

L8 ANSWER 1 OF 4 USPATFULL on STN
 ACCESSION NUMBER: 2004:114778 USPATFULL
 TITLE: Benzo (f) isoindol derivatives and their use as ep4 receptor ligands
 INVENTOR(S): Giblin, Gerard Martin Paul, Hertfordshire, UNITED KINGDOM
 Frye, Stephen Vernon, North Carolina, NC, UNITED STATES
 STATES Roomans, Susan, Hertfordshire, UNITED KINGDOM

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004087624	A1	20040506
APPLICATION INFO.:	US 2003-450639	A1	20031210 (10)
	WO 2001-GB5706		20011220
	NUMBER	DATE	
PRIORITY INFORMATION:	GB 2000-31295	20001221	
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	SMITHKLINE BEECHAM CORPORATION, CORPORATE INTELLECTUAL PROPERTY-US, UW2220, P. O. BOX 1539, KING OF PRUSSIA, PA, 19406-0939		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
LINE COUNT:	918		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
IT 59883-07-7P	59883-08-8P	325780-75-4P	325780-76-5P
325780-77-6P	325780-78-7P	325780-79-8P	
(prepn. of benzo[f]isoindoles as EP4 receptor ligands)			

L8 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
 ACCESSION NUMBER: 2002:487529 CAPLUS
 DOCUMENT NUMBER: 137:63174
 TITLE: Preparation of benzo[f]isoindoles as EP4 receptor ligands
 INVENTOR(S): Giblin, Gerard Martin Paul; Frye, Stephen Vernon; Roomans, Susan
 PATENT ASSIGNEE(S): Glaxo Group Limited, UK
 SOURCE: PCT Int. Appl., 33 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002050033	A1	20020627	WO 2001-GB5706	20011220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,				

TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 AU 2002017287 A5 20020701 AU 2002-17287 20011220
 EP 1343759 A1 20030917 EP 2001-271356 20011220
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 JP 2004517847 T2 20040617 JP 2002-551530 20011220
 US 2004087624 A1 20040506 US 2003-450639 20031210
 PRIORITY APPLN. INFO.: GB 2000-31295 A 20001221

 WO 2001-GB5706 W 20011220

OTHER SOURCE(S): MARPAT 137:63174
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

IT 59883-07-7P 59883-08-8P **325780-75-4P** 325780-76-5P
 325780-77-6P 325780-78-7P 325780-79-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (prepn. of benzo[f]isoindoles as EP4 receptor ligands)

L8 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
 ACCESSION NUMBER: 2002:465800 CAPLUS
 DOCUMENT NUMBER: 137:28310
 TITLE: Use of EP4 receptor agonists for treating neuropathic
 pain
 INVENTOR(S): Foord, Steven Michael; Giblin, Gerard Martin Paul;
 Wilson, Richard John
 PATENT ASSIGNEE(S): Glaxo Group Limited, UK
 SOURCE: PCT Int. Appl., 17 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002047669	A1	20020620	WO 2001-GB5501	20011213
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,				
TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002022191	A5	20020624	AU 2002-22191	20011213
PRIORITY APPLN. INFO.:			GB 2000-30541	A 20001214
			WO 2001-GB5501	W 20011213

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR
 THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

IT 325780-75-4

RL: PAC (Pharmacological activity); BIOL (Biological study)
(EP4 receptor agonists for treatment of neuropathic pain)

L8 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3

ACCESSION NUMBER: 2001:114969 CAPLUS

DOCUMENT NUMBER: 134:157579

TITLE: Use of EP4 receptor ligands in the treatment of,
interalia, neuropathic pain and colon cancer

INVENTOR(S): Clayton, Nicholas Maughan; Collins, Susanne Denise;
Foord, Steven Michael; Giblin, Gerard Martin Paul

PATENT ASSIGNEE(S): Glaxo Group Limited, UK

SOURCE: PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001010426	A2	20010215	WO 2000-EP7669	20000808
WO 2001010426	A3	20011220		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1202730	A2	20020508	EP 2000-956408	20000808
EP 1202730	B1	20040804		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003506404	T2	20030218	JP 2001-514946	20000808
EP 1442744	A2	20040804	EP 2004-75431	20000808
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
AT 272398	E	20040815	AT 2000-956408	20000808
PRIORITY APPLN. INFO.:			GB 1999-18745	A 19990810
			GB 1999-28437	A 19991201
			EP 2000-956408	A3 20000808
			WO 2000-EP7669	W 20000808

IT 325780-75-4P

RL: BAC (Biological activity or effector, except adverse); BSU
(Biological
study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(EP4 receptor ligands in the treatment of, inter alia, neuropathic
pain

and colon cancer)